

In The Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fire display device, comprising:
a fresh air assembly providing a primary and a secondary air stream;
a burner assembly configured to premix the primary air stream with a combustible fluid and comprising a burner configured to produce a flame having a flame path;
a combustion chamber enclosure configured to enclose the flame; and
a secondary air assembly configured to change the flame path by directing the secondary air stream towards the flame; the secondary air assembly including a rotating blade positioned below the combustion chamber, the blade adapted to rotate with sufficient speed to cause a turbulent air flow that enhances the size and shape of the flame within the combustion chamber.
2. (Previously Presented) The fire display device of claim 1, wherein the secondary air assembly produces a rotating flame.
3. (Original) The fire display device of claim 1, wherein the combustion chamber enclosure is configured as a glass cylinder.
4. (Cancelled)
5. (Previously Presented) The fire display device of claim 1, wherein the secondary air assembly comprises compressed fluid.
6. (Canceled)
7. (Previously Presented) The fire display device of claim 1, further comprising an ignition system configured to ignite the flame after the secondary air assembly is operational.

8. (Previously Presented) The fire display device of claim 1, wherein the secondary air assembly is configured to increase a burn efficiency of the flame.
9. (Original) The fire display device of claim 1, further comprising a light source configured to direct light into the combustion chamber.
10. (Original) The fire display device of claim 1 further comprising an artificial ember configured to give the appearance of a burning ember, the artificial ember being positioned adjacent to the burner.
11. (Original) The fire display device of claim 1, further comprising a heat safety device that includes a heat sensor and a combustion control member, wherein when a predetermined temperature is sensed in the combustion chamber enclosure by the heat sensor the combustion control member reduces combustion of the combustible fuel.
12. (Original) The fire display device of claim 1, wherein the combustion chamber includes a generally vertically oriented cylindrical member, and the flame is injected into the cylindrical member at a vertically lower end of the cylinder.
13. (Original) The fire display device of claim 1, wherein the combustion chamber enclosure includes first and second ends and a continuous, substantially transparent sidewall extending between the first and second ends.
14. (Original) The fire display device of claim 1, wherein the fire display device is a fireplace.
15. (Previously Presented) The fire display device of claim 1, wherein the secondary air assembly is configured to modulate the secondary air stream.
16. (Cancelled)

17. (Currently Amended) A method of altering the path of a flame, the method comprising the steps of:
- providing a primary and a secondary air stream;
 - premixing the primary air stream with a combustible fluid before being ignited;
 - producing a flame in a burner assembly the flame having a flame path enclosed in a combustion chamber enclosure; and
 - altering the flame path by directing the secondary air stream towards the flame, wherein the secondary air stream is directed by rotating a blade positioned below the combustion chamber about a vertical axis at a sufficient rate to create a turbulent air flow that enhances the size and shape of the flame.
18. (Cancelled)
19. (Cancelled)
20. (Original) The method of claim 17, wherein the secondary air stream is compressed air.
21. (Previously Presented) The method of claim 17, further comprising the step of modulating the secondary air stream.
22. (Previously Presented) The method of claim 17, further comprising the step of modulating the combustible fluid.
23. (Previously Presented) The method of claim 17, further comprising the step of directing the secondary air stream to increase a burn efficiency of the flame.
24. (Previously Presented) The method of claim 17, further comprising the step of directing the secondary air stream to substantially increase the size of the flame.

25. (Previously Presented) The method of claim 17, further comprising the step of directing the secondary air stream to substantially reduce a temperature of at least a portion of the combustion chamber enclosure.
26. (Previously Presented) The method of claim 17, further comprising the step of rotating the secondary air stream.
27. (Previously Presented) The method of claim 17, further comprising the step of pulsing the secondary air stream.
28. (Canceled)
29. (Cancelled)
30. (Currently Amended) The fireplace assembly of claim[[28]] 33, wherein the secondary air stream is directed towards the flame from an upstream or downstream position relative to the flame.
31. (Previously Presented) The fire display device of claim 33, wherein the secondary air stream is directed towards the flame from an upstream or downstream position relative to the flame path.
32. (Previously Presented) The method of claim 33, further comprising the step of directing the secondary air stream towards the flame from an upstream or downstream position relative to the flame path.

33. (Currently Amended) A fireplace assembly, comprising:
- a fresh air assembly providing a primary and a secondary air stream;
 - a burner assembly comprising a burner configured to ignite a mixture of the primary air stream and a combustible fluid and produce a flame in a combustion chamber; and
 - a secondary air assembly configured to direct the secondary air stream into the combustion chamber; the secondary air assembly including a rotating blade positioned below the combustion chamber, the blade adapted to rotate with sufficient speed to cause a turbulent air flow to enhance the size and shape of the flame.